MAP OF TRANSMISSION AND GENERATING FACILITIES

QUÉBEC

CAIMT 51 SZZ

1964

ELECTRIC POWER IN CANADA

Government
Publications
1967



MAP OF

TRANSMISSION AND GENERATING FACILITIES

Québec

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

WATER RESOURCES BRANCH

ROGER DUHAMEL, F.R.S.C. QUEEN'S PRINTER AND CONTROLLER OF STATIONERY OTTAWA, 1965

Cat. No. R32-865/4

No.	Development	River			ear talled	Rated	No.	Tur	bines	Generators	
			Owner	First Unit	Latest Unit	Head ft.	of Units	Unit Capacity hp.	Total Capacity hp.	Unit Capacity kw.	Total Capacity kw.
Qu	ebec						E)				
1	Beauharnois: Section 1	St. Lawrence	QHEC	1932	1948	80	8 6	53,000 55,000		37,300 40,000	
	Section 2			1950	1953	80	9	55,000 56,000		40,000 41,120	
	Section 3			1959	1961	80	10	73,700	2,154,000	55,250	1,574,26
2	Bersimis I	Bersimis	QHEC	1956	1958	785	8	150,000	1,200,000	114,000	912,00
3	Chute des Passes	Peribonka	ALCAN	1959	1960	540	5	200,000	1,000,000	148,500	742,50
4	Shipshaw	Saguenay	ALCAN	1942	1943	208	2 6 2 2	95,000 103,000 101,000 95,000	1,200,000	58,500 60,000 60,000 60,000	717,00
5	Bersimis II	Bersimis	QHEC	1959	1960	380	5	171,000	855,000	131,000	655,00
6	Carillon	Ottawa	QHEC	1962	1964	61	14	60,000	840,000	46,750	654,50
7	Isle Maligne	Saguenay	SAPCL	1925	1937	110	12	45,000	540,000	28,000	336,00
8	Trenche	St. Maurice	QHEC	1950	1955	160	6	65,000	390,000	47,700	286,2
9	Beaumont	St. Maurice	QHEC	1958	1959	124	6	55,000	330,000	40,500	243,0
10	La Tuque	St. Maurice	QHEC	1940	1955	114	5	44,500 49,000	271,500	36,000 36,000	216,0
11	Paugan	Gatineau	QHEC	1928	1956	133 132	1 7	47,000 34,000	285,000	32,400 24,225	201,9
12	McCormick	Manicouagan	МР	1951	1958	124	2	56,200 60,000	292,400	35,625 40,000	191,2
13	Chute-à-la-Savanne	Peribonka	ALCAN	1953	1953	110	5	57,000	285,000	37,450	187,2
14	Chute-du-Diable	Peribonka	ALCAN	1952	1952	110	5	55,000	275,000	37,450	187,2
15	Rapide Blanc	St. Maurice	QHEC	1934	1955	108	1 5	44,500 40,000	244,500	30,600 30,600	183,6
16	Shawinigan No. 2	St. Maurice	QHEC	1911	1929	146 145 145	3 3 2	43,000 18,500 18,500	221,500	30,000 15,000 14,000	163,00
17	Cedars	St. Lawrence	QHEC	1914	1924	30	12	10,800 11,300	197,400	9,000 9,000	162,0
18	Shawinigan No. 3	St. Maurice	QHEC	1948	1949	145	3	65,000	195,000	50,000	150,0
19	Grand' Mère	St. Maurice	QHEC	1915	1930	80 80 80 84	5 1 1 2	22,000 22,000 24,500 22,000	200,500	15,700 18,000 20,000 15,700	147,9
20	Chelsea	Gatineau	QHEC	1927	1939	93	5	34,000	170,000	28,800	144,0
21	Chute à Caron	Saguenay	ALCAN	1931	1934	160	3 1	75,000 75,000	300,000	45,000 None	135,0
22	La Gabelle	St. Maurice	QHEC	1924	1931	63 63 60	3 1 1	36,000 32,000 32,000	172,000	24,700 24,700 24,700	123,5
23	Farmers Rapids	Gatineau	QHEC	1927	1947	66	3 2	24,000 24,000	120,000	20,000	98,2
24	Masson	Lièvre	MQPC	1933	1933	185	4	34,000	136,000	23,800	95,2

	Development			Year				Turt	pines	Gene	rators
No.		River	Owner	First Unit	Latest Unit	Rated Head ft.	No. of Units	Unit Capacity hp.	Total Capacity hp.	Unit Capacity kw.	Total Capacity kw.
QUEB	EC (Cont'd)										
25	Quinze Rapids	Ottawa (Upper)	QHEC	1923	1955	90	2 2 2	12,500 12,500 34,500	119,000	8,000 10,800 26,000	89,600
26	Chats Falls	Ottawa	OVPC	1932	1932	53	4	28,000	112,000	22,325	89,300
27	High Falls	Lièvre	морс	1930	1936	180	1 3	32,500 30,000	122,500	21,250 21,250	85,000
28	Bryson	Ottawa	QHEC	1925	1949	60	2	25,700 27,000	78,400	18,000	56,000
29	Murdock Willson	Shipshaw	PBC	1957	-	263	1	82,000	82,000	51,000	51,000
30	Jim Gray	Shipshaw	PBC	1953	1953	338	2	35,000	70,000	25,500	51,000
31	Outardes 2	Outardes	QNSPC	1937	1937	208	2	35,300	70,600	25,000	50,000
32	Fifty Foot Falls	Hart Jaune	НЈР	1960	1960	123	3	22,000	66,000	16,150	48,450
33	Rapid VII	Ottawa (Upper)	QHEC	1941	1949	68	4	16,000	64,000	12,000	48,000
34	Rapid II	Ottawa (Upper)	QHEC	1954	1964	67	4	16,000	64,000	12,000	48,000
35	Montreal	Prairies	QHEC	1929	1930	25	6	10,000	60,000	7,500	45,000
36	Dufferin Falls	Lièvre	JMC	1958	1959	6:	2 2	25,000	50,000	19,125	38,250
37	Chicoutimi	Chicoutimi	SMPC	1957	-	27:	3 1	42,000	42,000	32,000	32,000
38	Hemming Falls	St. François	QHEC	1925	1925	50	6	5,600	33,600	4,800	28,800
39	Ste. Marguerite	Marguerite	GPC	1954	1954	100	2	12,000	24,000	8,800	17,600
40	Kipawa	Gordon Creek	QHEC	1920	1926	200	2 2	3,600 8,500	24,200	2,800	17,120
41	Chaudière No. 2	Ottawa	QHEC	1920	1923	3	2 2	7,500 7,500	22,500	5,400 5,760	16,560
42	Seven Falls	St. Anne (de Beaupré)	QHEC	1915	1915	41	0 4	6,000	24,000	3,750	15,000
43	St. Narcisse	Batiscan	QHEC	1926	1926	14	7 2	11,100	22,200	7,500	15,000
44	Drummondville	St. François	QHEC	1910	1925	3	0 2		18,40	2,500 4,800	14,600
45	Chutes aux Galets	Shipshaw	PBC	1921	1921	10	1 2	8,820	17,64	6,400	12,800
46	Chaudière Falls	Ottawa	EBEC	1913	1955	3	8 3	5,500	16,50	3,750	11,250
47	Chicoutimi	Chicoutimi	PBC	1923	-	7	2 1	11,000	11,00	0 9,900	9,900
48	Waltham	Black	PELC	1917	1951	12	9 1	2,250		1,250 1,530 1,800 2,250	9,080
49	Chaudière No. 1	Ottawa	QHEC	1902	1912	3	88	3,300		1,275 1,700 2,125	7,650
50	Buckingham	Lièvre	ERC	1914	1939	3		2,000 1 2,500 2,000		1,375 1,840 1,440	
5	Price	Mitis	QHEC	1922	1929			3,700 1 5,900			6,400
5	2 Adam Cunningham	Shipshaw	PBC	1953	-	1	56	9,500	9,50		
5		Chicoutimi	QDNR	1923	192:	3	56	3 2,500	7,50	1,690	5,070

	Development	River		Year Installed		Rated	ted No.	Tui	bines	Generators	
No.			Owner	First Unit	Latest	Head ft.	of Units	Unit Capacity hp.	Total Capacity hp.	Unit Capacity kw.	Total Capacity kw.
QUE	BEC (Cont'd)										
54	Bell Falls	Rouge	QHEC	1915	1920	54	3	2,400	7,200	1,600	4,80
55	Westbury	St. François	CS	1928	1928	28	2	2,900	5,800	2,250	4,50
56	Jonquière	Au Sable	MJ	1907	1924	42	1	700		360	
				17/4		42 47	1	1,800 4,030	6,530	1,280 2,812	4,4
57	Grand Mitis No. 2	Mitis	QHEC	1947	-	75	1	6,000	6,000	4,250	4,25
58	Kenogami	Au Sable	PBC	1912	1912	264	2	3,350	6,700	1,875	3,75
59	Lachute	North	AL	1929	1929	36	3	1,500	4,500	1,200	3,60
60	Weedon	St. François	CS	1920	1926	30 29	2	1,700 1,700	5,100	1,100 1,100	3,30
61	Windsor Mills	St. François	CPC	1936	1939	19	2	1,100 730		1,120	
	and the same	311					1	730	3,660	320	3,10
62	St. Alban	Ste. Anne de la Pérade	QHEC	1927	-	64	1	4,000	4,000	3,000	3,0
63	Domtar	Jacques Cartier	DT	1960	1962	60	2	1,200	2,400	1,500	3,0
64	Sherbrooke	Magog	QHEC	1910	1910	57	3	1,333	4,000	995	2,9
65	St. Raphael	Sud	QHEC	1921	1921	232	3	1,500	4,500	850	2,5
66	Garneau Falls	Chicoutimi	QHEC	1928	-	30	1	3,500	3,500	2,520	2,5
67	MacDougall Falls	Jacques Cartier	DP	1925	1927	50	2	1,900	3,800	1,200	2,4
68	Jonquière Mill	Au Sable	PBC	1916	1916	67	1	1,800 1,625	3,425	1,200	2,4
69	Ogilvy Flour Mills	Lachine Canal	OFM	1940	1948	23 15	2 2	1,600	4,000	850 300	2,3
70	Mont Laurier	Lièvre	EML	1937	1951	22	1 2	500 1,325	3,150	500 900	2,3
71	Winneway	Winneway (Upper Ottawa)	вом	1938	1943	57	2	1,400	2,800	1,100	2,2
72	Rock Forest	Magog	CS	1911	1911	30	2	1,500	3,000	1,075	2,1
73	Chaudière	Chaudière	QHEC	1900	1903	114	2	1,400	4,800	600	2,0
74	Magpie	Magpie	OER	1961	1961	27	2	1,500	3,000	1,000	2,0
75	Magog	Magog	DTC	1920	1920	25	2	1,350	2,700	1,000	2,0
76	Corbeau	Gatineau	QHEC	1926	1926	12	2	1,250	2,500	1,000	2,0
77	Bird's Mill Falls	Jacques Cartier	DP	1937	-	27	1	2,250	2,250	1,920	1,9
78	Frontenac	Magog	CS	1917	1917	38	2	1,450	2,900	950	1,9
79	Rivière-du-Loup	Du Loup	CRL	1929	1942	100	1	960 1,800	2,760	640 1,200	1,8
80	Rawdon	Ouareau	QHEC	1927	-	50	1	2,300	2,300	1,720	1,7
81	Burroughs Falls	Nigger	QHEC	1929	-	175	1	2,000	2,000	1,600	1,6

No.	Development	River	Owner	Year Installed		Rated	No.	Tur	bines	Generators	
						Head	of Units	Unit	Total Capacity hp.	Unit Capacity kw.	Total Capacity kw.
				First Unit	Latest Unit	ft.					
EB	EC (Cont'd)										
82	Natural Steps	Montmorency	QHEC	1908	-	60	1	2,225	2,225	1,500	1,500
83	St. Gabriel	Jacques Cartier	QHEC	1899	1899	32	2	1,100	2,200	750	1,50
Tot	al capacity of plants	under 1,500 kw.								46,530	30,82
Tot	al capacity of turbine	es connected directly	to mec	hanical	equipn	nent				59,365	
_	Total (all plants)								1.3	,372,685	9,553,15

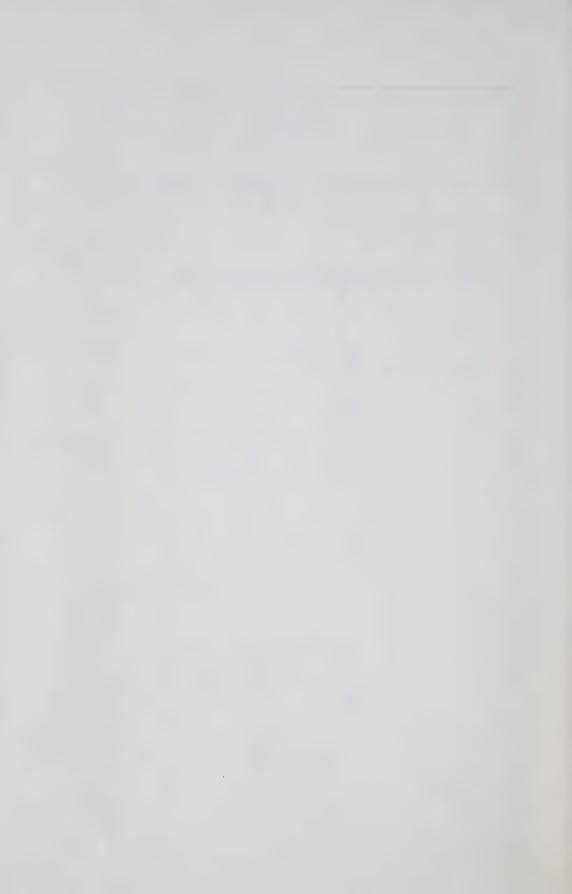
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					rear talled		Type of		Generato	
No.	Station	Location	Owner	First Unit	Latest Unit	Fuel	Prime Mover	No.	Unit Capacity kw.	Total Capacity kw.
Qu	ébec									
1	Tracy	Tracy	QHEC	1964	-	Oil	S	1	150,000	150,000
2	Les Boules	Les Boules	QHEC	1955	1960	Oil	GT	6	6,000	
							IC	2	1,000	38,000
3	Chandler	Chandler	GPP	1930	1954	Oil	S	1 1 1	6,000 2,500 4,000	12,500
4	Noranda	Noranda	NM	1934	1957	Waste heat	S	1 1 1	2,600 3,000 4,500	10,100
5	Drummondville	Drummondville	CCL	1935	1953	Coal,	S	1 1 1 1	1,500 2,500 3,500 2,000	9,500
6	Murdochville	Murdochville	GCM	1952	1955	Oil,	s	1	5,400	
						waste heat	IC	2 1	1,000	7,700
7	Thurso	Thurso	TPPC	1957	-	Coal, oil, wood- waste	S	1	7,500	7,500
8	Quebec City	Quebec City	ACPP	1927	-	Oil	S	1	6,000	6,000
9	Rimouski	Rimouski	QHEC	1955	1960	Oil	IC	6	1,000	6,000
10	Cap aux Meules	Îles-de-la-Madeleine	QHEC	1953	1964	Oil	IC	2 1 1 1 1 1 1	250 400 1,065 1,000 1,100	4,065
11	Magog	Magog	DTC	1938	1948	Coal	S	2	2,000	4,000
12	Gatineau	Gatineau	CIPC	1927	192 7	Coal	S	4	900	3,600
13	Montreal	Montreal	CDSC	1925	1947	Gas, oil	s	2	1,000 1,500	3,500
14	Port and Terminal (Stand-by)	Port Cartier	QCMC	1960	1960	Oil	IC	3	1,000 350	3,350
15	Lac Jeannine (Stand-by)	Gagnon	QCMC	1960	1960	Oil	IC	3 2	350 1,000	3,050
16	Schefferville	Schefferville	IOCC	1956	1956	Oil	IC	3	1,000	3,000
17	Gaspé	Gaspé	QHEC	1959	1960	Oil	IC	3	1,000	3,000
18	Three Rivers	Three Rivers	CIPC	1922	1925	Coal, oil, wood- waste	s	6	500	3,000
19	Murdochville	Murdochville	QHEC	1955	1960	Oil	IC	3	1,000	3,000
20	Manicouagan	Manicouagan	QHEC	1955	1955	Oil	IC	3	1,000	3,000
21	Beaupré	Beaupré	SAPC	1927	1927	Coal	S	2 2	750 650	2,800
22	Rimouski	Rimouski	QHEC	1948	1952	Oil	IC	1 1	1,250 1,100	2,350
23	New Richmond	New Richmond	QHEC	1948	1955	Oil	IC	1 2 1 1	200 350 400 750	2,050

THERMAL

No.	Station			Year Installed			Type	Generators			
		Location	Owner	Inst	alled	Fuel	of Prime Mover		Unit	Total Capacity kw.	
				First Unit	Latest Unit			No.	Capacity kw.		
ÉBI	EC (Cont'd)										
24	Rivière-du-Loup	Rivière-du-Loup	CRL	1947	1953	Oil	IC	2	240	2.04	
								1	1,360	1,840	
Cota	l capacity of plants 1	,500 kw. and over (no	t listed ab	ove)						6,750	

GT-Gas Turbine, IC - Internal Combustion, S - Steam





CODE	OWNER
ACPP	Anglo-Canadian Pulp and Paper Mills Limited Ayers Limited Aluminum Company of Canada Limited
BQM	Belleterre Québec Mines Limited
CCL. CDSC CIPC CPC. CRL. CS	Canadian Celanese Limited Canada and Dominion Sugar Company Limited Canadian International Paper Company Canada Paper Company City of Rivière-du-Loup City of Sherbrooke
DP	Donnacona Paper Company Dominion Tar and Chemical Company Dominion Textile Company Limited
EBEC	E. B. Eddy Company Électrique de Mont Laurier Limitée Electric Reduction Company
GCM GPC.	Gaspé Copper Mines Limited Gulf Power Company Gaspesia Pulp and Paper Company Limited
НЈР	Hart Jaune Power Company
IOCC	Iron Ore Company of Canada
JMC	James MacLaren Company Limited
MCL MJ. MP MQPC	Mohawk Corporation Limited Municipality of Jonquière Manicouagan Power Company MacLaren-Québec Power Company
NM	Noranda Mines Limited
OER. OFM.	Office de l'Électrification Rurale Ogilvie Flour Mills Ottawa Valley Power Company
PBC	Price Brothers and Company Limited Pembroke Electric Light Company Limited
QCMC QDNR. QHEC. QNSPC	Québec Cartier Mining Company Québec Department of Natural Resources Québec Hydro-Electric Commission Québec-North Shore Paper Company
SAPCSAPCLSMPC	Ste. Anne Paper Company Limited Saguenay Power Company Limited Smelter Power Corporation
TPPC	Thurso Pulp and Paper Company







